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**TRANSMITTAL  
FORM***(To be used for all correspondence  
after initial filing)*

Application Number	10/622,845
Filing Date	July 18, 2003
First Named Inventor	Bing Cheng
Art Unit	2838
Examiner Name	
Attorney Docket No.	130209.492

**ENCLOSURES (check all that apply)**

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Response<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input checked="" type="checkbox"/> Information Disclosure Statement; Form PTO-1449<br><input checked="" type="checkbox"/> Cited References<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts under 37 C.F.R. 1.52 or 1.53<br><input type="checkbox"/> Response to Missing Parts/Incomplete Application | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Request for Corrected Filing Receipt<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address<br><input type="checkbox"/> Declaration<br><input type="checkbox"/> Statement under 37 CFR 3.73(b)<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund | <input type="checkbox"/> CD(s), Number of CD(s) _____<br><input type="checkbox"/> After Allowance Communication to Group<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group ( <i>Appeal Notice, Brief, Reply Brief</i> )<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Return Receipt Postcard<br><input type="checkbox"/> Additional Enclosure(s) ( <i>please identify below</i> ):<br>_____<br>_____<br>_____ |
|---|---|--|

**Remarks****SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Individual Name	Frank Abramonte	Customer Number <b>00500</b>
Signature		
Date	December 19, 2003	

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name		
Signature		Date:

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. 442330



PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Bing Cheng et al.  
Application No. : 10/622,845  
Filed : July 18, 2003  
For : APPARATUS AND METHOD EMPLOYING BI-DIRECTIONAL  
CONVERTER FOR CHARGING AND/OR SUPPLYING POWER

Art Unit : 2838  
Docket No. : 130209.492  
Date : December 19, 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the U.S. Patent and Trademark Office the references set forth on the attached form PTO-1449. Applicants note that since the application filing date is after June 30, 2003, copies of the cited U.S. patents and published patent applications are not required and accordingly have not been provided. Copies of all other cited references are enclosed. These references were cited in a Search Report for a related application PCT/CA03/01045, mailed November 20, 2003. As to any reference cited, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserves the right to traverse or antedate any such reference, as by a showing under 37 C.F.R. § 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

We hereby certify that each of the references set forth on the attached form PTO-1449 was first cited in a communication from a foreign patent office in a counterpart foreign

application and that this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement.

Please acknowledge receipt of this Supplemental Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Applicants believe this Supplemental Information Disclosure Statement has been timely filed, however, the Director is authorized to charge any fee due by way of this Information Disclosure Statement to our Deposit Account No. 19-1090.

Respectfully submitted,

Seed Intellectual Property Law Group PLLC

A handwritten signature in black ink, appearing to read 'Frank Abramonte', is written over a horizontal line.

Frank Abramonte

Registration No. 38,066

Enclosures:

Postcard

Form PTO-1449

Cited References (16)

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FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 130209.492	APPLICATION NO. 10/622,845
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS Bing Cheng et al.	
		FILING DATE July 18, 2003	GROUP ART UNIT 2838

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,678,981	07/07/87	Murray	320	2	
	AB	5,589,743	12/31/96	King	318	139	
	AC	5,635,804	06/03/97	Tanaka et al.	318	139	
	AD	5,780,980	07/14/98	Naito	318	139	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AE	6-276616	09/30/94	JP (+ Abstract in English)		
	AF	7-39014	02/07/95	JP (+ Abstract in English)		
	AG	7-46713	02/14/95	JP (+ Abstract in English)		
	AH	8-214413	08/20/96	JP (+ Abstract in English)		
	AI	2 738 411	03/07/97	FR (+ Abstract in English)		
	AJ	9-103002	04/15/97	JP (+ Abstract in English)		
	AK	0 828 304 A2	03/11/98	EP		
	AL	11-75323	03/16/99	JP (+ Abstract in English)		
	AM	11-205908	07/30/99	JP (+ Abstract in English)		
	AN	11-215609	08/06/99	JP (+ Abstract in English)		
	AO	11-285105	10/15/99	JP (+ Abstract in English)		
	AP	2000-102177	04/07/00	JP (+ Abstract in English)		
	AQ	2000-232737	08/22/00	JP (+ Abstract in English)		
	AR	2000-354331	12/19/00	JP (+ Abstract in English)		
	AS	2002-134125	05/10/02	JP (+ Abstract in English)		
	AT	2002-165370	06/07/02	JP (+ Abstract in English)		

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
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\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).